

IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A method comprising:
at an access point in a wireless network that includes a first wireless transceiver following a first wireless standard and a second wireless transceiver following a second wireless standard to provide wireless network access for wireless client devices, determining whether a wireless client device having a low quality signal is sharing said first wireless transceiver with a wireless client device having a high quality signal; and
when a wireless client device having a low quality signal is sharing said first wireless transceiver with a wireless client device having a high quality signal, moving said wireless client device having a low quality signal to said second wireless transceiver.
2. (Previously Presented) The method of claim 1, wherein:
determining includes estimating current usage of transceivers of said access point that are available to service wireless client devices.
3. (Previously Presented) The method of claim 1, wherein:
determining includes analyzing data rates requested by wireless client devices associated with said first wireless transceiver.
4. (Previously Presented) The method of claim 1, wherein:
moving includes sending a command to said wireless client device having a low quality signal instructing said wireless client device having a low quality signal to move to said second wireless transceiver.
- 5.-7. (Canceled)
8. (Previously Presented) The method of claim 1, wherein:

moving said wireless client device having a low quality signal to said second wireless transceiver includes moving said wireless client device having a low quality signal to another frequency band.

9.-11. (Canceled)

12. (Previously Presented) An apparatus comprising:

a first wireless transceiver configured in accordance with a first wireless standard to operate within a first channel;

a second wireless transceiver configured in accordance with a second wireless standard to operate within a second channel, wherein said second channel is different from said first channel; and

a controller to move a first wireless client device from said first channel to said second channel when it is determined that said first wireless client device has a low quality signal and is sharing said first wireless transceiver with a second wireless client device that has a high quality signal.

13. (Original) The apparatus of claim 12, further comprising:

at least one other wireless transceiver to operate within at least one other channel, wherein said at least one other channel is different from said first and second channels.

14.-15. (Canceled)

16. (Previously Presented) The apparatus of claim 12, wherein:

said controller moves said first wireless client device from said first channel to said second channel by sending a command to said first wireless client device instructing said wireless client device to move to said second channel.

17. (Original) The apparatus of claim 12, wherein:

said apparatus includes a wireless access point.

18. (Previously Presented) A computer readable storage medium having instructions stored thereon that, when executed by a computing platform, result in:

at an access point in a wireless network that includes a first wireless transceiver following a first wireless standard and a second wireless transceiver following a second wireless standard to provide wireless network access for wireless client devices, determining whether a wireless client device having a low quality signal is sharing said first wireless transceiver with a wireless client device having a high quality signal; and

when a wireless client device having a low quality signal is sharing said first wireless transceiver with a wireless client device having a high quality signal, moving said wireless client device having a low quality signal to said second wireless transceiver.

19. (Previously Presented) The computer readable storage medium of claim 18, wherein:

determining includes estimating current usage of transceivers of said access point that are available to service wireless client devices.

20. (Previously Presented) The computer readable storage medium of claim 18, wherein:

moving includes sending a command to said wireless client device having a low quality signal instructing said wireless client device having a low quality signal to move to said second wireless transceiver.

21. (Canceled)

22. (Previously Presented) A system comprising:

at least one first dipole antenna;

at least one second dipole antenna;

a first wireless transceiver, coupled to said at least one first dipole antenna and configured in accordance with a first wireless standard, to operate within a first channel;

a second wireless transceiver, coupled to said at least one second dipole antenna and configured in accordance with a second wireless standard, to operate within a second channel, wherein said second channel is different from said first channel; and

a controller to move a first wireless client device from said first channel to said second channel when it is determined that said first wireless client device has a low quality signal and is sharing said first wireless transceiver with a second wireless client device that has a high quality signal.

23. (Original) The system of claim 22, further comprising:

at least one other wireless transceiver to operate within at least one other channel, wherein said at least one other channel is different from said first and second channels.

24.-25. (Canceled)

26. (Previously Presented) The system of claim 22, wherein:

said controller moves said first wireless client device from said first channel to said second channel by sending a command to said first wireless client device instructing said first wireless client device to move to said second channel.

27. (Previously Presented) The method of claim 1, wherein:

said first wireless standard is a standard that achieves better throughput than said second wireless standard and said second wireless standard is a standard that achieves better range than said first wireless standard.

28. (Previously Presented) The method of claim 1, wherein:

said first wireless standard is IEEE 802.11a and said second wireless standard is IEEE 802.11b,g.

29. (Previously Presented) The method of claim 1, wherein:

the signal quality of a wireless client device is determined based upon a data rate requested by the wireless client device.

30. (Previously Presented) The apparatus of claim 12, wherein:

said first wireless standard is a standard that achieves better throughput than said second wireless standard and said second wireless standard is a standard that achieves better range than said first wireless standard.

31. (Previously Presented) The apparatus of claim 12, wherein:

said first wireless standard is IEEE 802.11a and said second wireless standard is IEEE 802.11b,g.

32. (Previously Presented) The apparatus of claim 12, wherein:

the signal quality of a wireless client device is determined based upon a data rate requested by the wireless client device.

33. (Previously Presented) The computer readable storage medium of claim 18, wherein:

said first wireless standard is a standard that achieves better throughput than said second wireless standard and said second wireless standard is a standard that achieves better range than said first wireless standard.

34. (Previously Presented) The computer readable storage medium of claim 18, wherein:

said first wireless standard is IEEE 802.11a and said second wireless standard is IEEE 802.11b,g.

35. (Previously Presented) The computer readable storage medium of claim 18, wherein:

the signal quality of a wireless client device is determined based upon a data rate requested by the wireless client device.

36. (Previously Presented) The system of claim 22, wherein:

said first wireless standard is a standard that achieves better throughput than said second wireless standard and said second wireless standard is a standard that achieves better range than said first wireless standard.

37. (Previously Presented) The system of claim 22, wherein:

said first wireless standard is IEEE 802.11a and said second wireless standard is IEEE 802.11b,g.